

[prior to grinding] and means to operate the formed grinding wheel to grind a different segment of the developed surface.

Claim 54 (first amendment). The [method] apparatus of claim 53 wherein the member has a eighth segment and indexing means to index the member after the seventh segment is ground,


to index the member such that the two positioning pieces are engaged with differing surfaces of the fifth and sixth segments respectively prior to grinding the eighth segment.

Claim 55 (first amendment). The [method] apparatus of claim 54 characterized in that the first and second segments are coextensive with the seventh and eighth segments.

Claim 56 (first amendment). An apparatus for positioning a member having a developed surface in respect to a grinding wheel [having an engagement angle], the developed surface including a segment,

the apparatus including a fixture, said fixture being larger than the segment, and engagement means to engage said fixture with the segment at only two points in a direction

substantially perpendicular to [the engagement angle of the grinding wheel] a line through said two points.

 Cancel Claim 58. [The apparatus of claim 56 wherein the fixture contacts the segment at two points.]

Claim 59 (first amendment). [The apparatus of claim 56 characterized by] An apparatus for positioning a member having a developed surface in respect to a grinding wheel having an engagement angle, the developed surface including a segment,

the apparatus including a fixture and engagement means to engage said fixture with the segment in a direction substantially perpendicular to the engagement angle of the grinding wheel,

the addition of means to move the grinding wheel to grind oversized reference grinds until one such reference grind is in engagement with said fixture.

Claim 60 (first amendment). An apparatus for positioning a member having a segment of a developed surface,

the apparatus including a positioning fixture and said positioning fixture contacting the segment at only two points.

Claim 61 (first amendment). The apparatus of claim 60 characterized in that said positioning fixture includes a roll in contact with the segment at said only two points.

Claim 65 (first amendment). [In] An improvement for an apparatus for positioning a rotor having a valley inclusive segment, the valley having a size,

the improvement of a positioning roll, said positioning roll having a size, said size of said positioning roll being greater than the size of the valley and said positioning roll being in contact with the valley to position the rotor.

Claim 66 (first amendment). A contact surface for retaining a rotor in respect to an arbor, the rotor having a valley radius and an end surface,

the contact surface comprising a ring, said ring being smaller than the valley radius of the rotor, and said ring being in contact with the end surface of the rotor to retain it in respect to the arbor.

REMARKS